## What is claimed is:

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- 1. A sensor comprising:
  - a die having a working portion;
- a cap coupled with the die to at least partially cover the working portion; and

a conductive pathway extending through the cap to the working portion, the pathway providing an electrical interface to the working portion.

- 10 2. The sensor as defined by claim 1 wherein the working portion includes MEMS structure, the conductive pathway capable of transmitting electrical signals relating to the operation of the MEMS structure.
- 3. The sensor as defined by claim 1 wherein the working portion includes circuitry.
  - 4. The sensor as defined by claim 1 wherein the cap and die form a chamber for sealingly containing the working portion of the die.
- 5. The sensor as defined by claim 1 wherein the cap has a top surface, the conductive pathway extending through the cap to the top surface, the conductive pathway being exposed on the top surface.
  - 6. The sensor as defined by claim 1 wherein the working portion includes accelerometer structure.
    - 7. The sensor as defined by claim 1 wherein the working portion includes gyroscope structure.

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- 8. The sensor as defined by claim 1 further including an electrical interconnect substrate having at least one circuit element, the die and cap together forming a capped die, the capped die being coupled to the substrate so that the conductive path contacts the substrate to interconnect with the at least one circuit element.
- 9. The sensor as defined by claim 1 wherein the cap hermetically seals the working portion of the die.
- 10. The sensor as defined by claim 1 wherein the working portion includes both MEMS structure and circuitry for at least in part detecting movement of the MEMS structure.
- 11. A method of producing a sensor, the method comprising:

  forming a plurality of working portions on a first wafer;

  forming a plurality of through-holes and cavities on a second wafer;

  securing the second wafer to the first wafer, at least one of the cavities

  aligning to at least one of the working portions;
- filling the through holes with conductive material to form a plurality of conductive paths; and

dicing the first and second wafers.

- 12. The method as defined by claim 11 wherein the conductive material includes electroless nickel.
  - 13. The method as defined by claim 11 wherein securing the second wafer to the first wafer includes using a screen print seal glass.

14. The method as defined by claim 11 wherein forming a plurality of working portions on a first wafer includes forming one of accelerometer structure and gyroscope structure on the first wafer.

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- 15. The method as defined by claim 11 wherein the conductive material in at least one of the through holes contacts at least one of the working portions.
- 16. The method as defined by claim 11 wherein forming a plurality ofworking portions includes forming MEMS structure and corresponding circuitry.
  - 17. The product produced by the process defined by clam 11.
  - 18. A sensor comprising:
  - a die having a working portion, the working portion having movable structure and circuitry for detecting movement of the movable structure;

a flip-chip bond pad electrically coupled with the circuitry; and an electrical interconnect substrate, the die being flip-chip bonded to the substrate via the flip-chip bond pad.

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- 19. The sensor as defined by claim 18 further including a cap at least partially covering the working portion, the flip chip bond pad being secured to the cap.
- 20. The sensor as defined by claim 19 further including a conductive pathway extending through the cap from the flip chip bond pad to the circuitry.